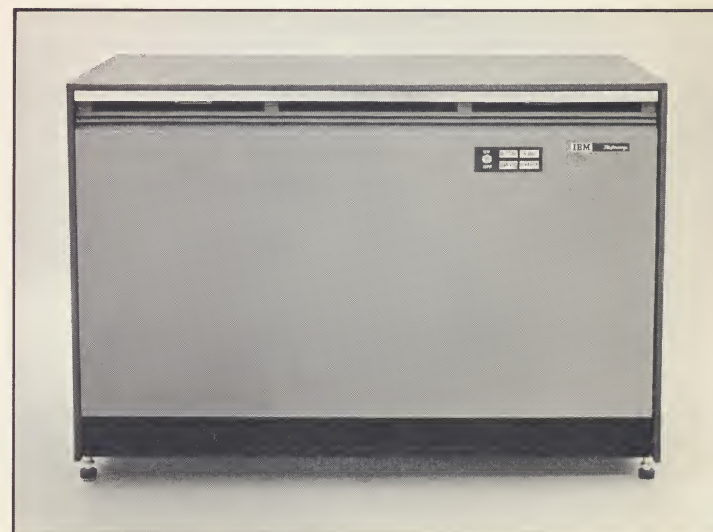
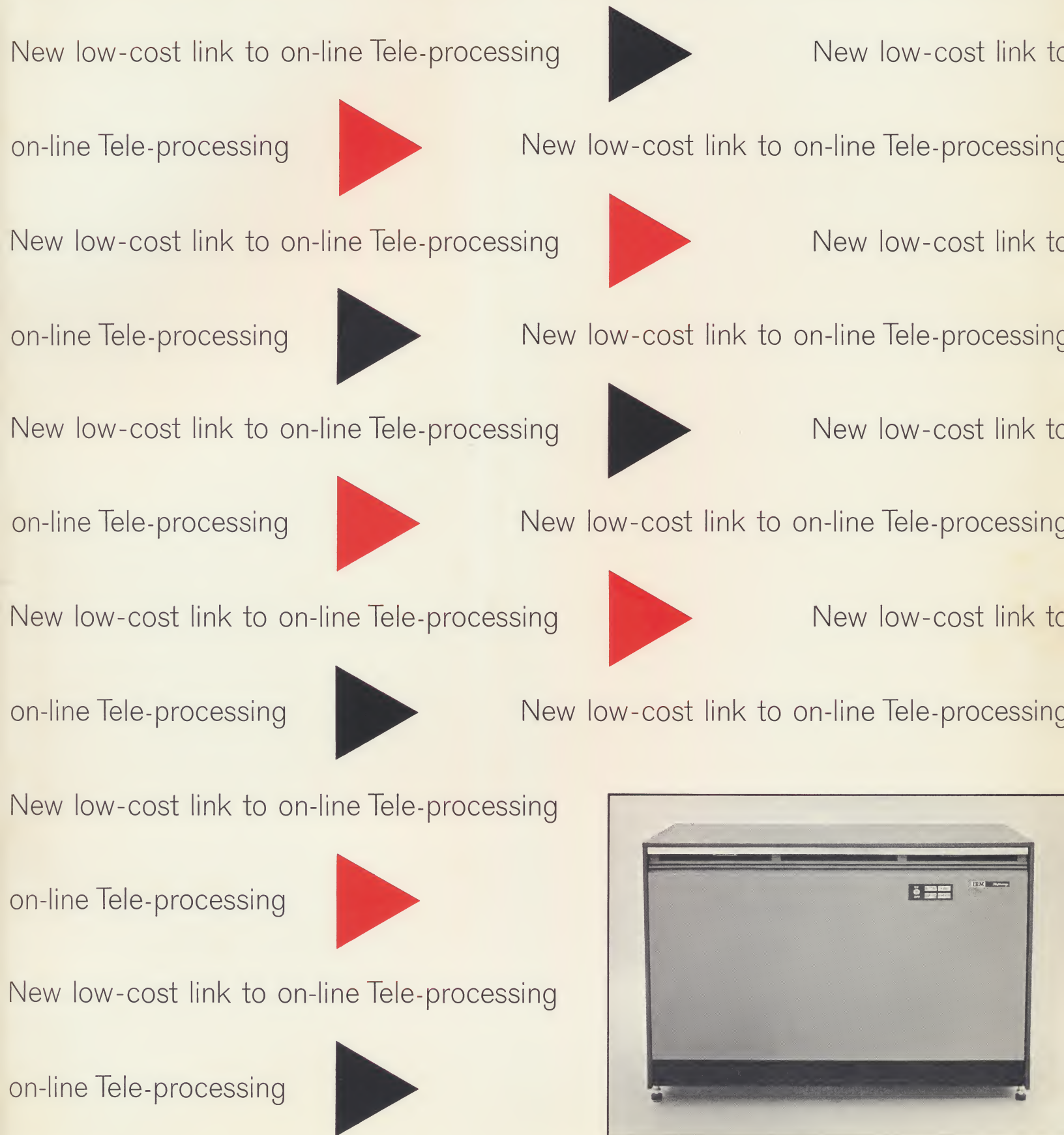


IBM

1026 Transmission Control Unit



The 1026 Transmission Control Unit

offers any user of a 1240, 1440, 1401 or 1460 System the speed, efficiency and convenience of *on-line Tele-processing*—at very low cost.

The 1026 enables *you* to make a modest start toward satisfying your total data communication requirements. It also gives you an opportunity to gain valuable Tele-processing experience that will simplify handling of the same applications on System/360.

Even if you have a small system, the 1026 permits you to go on-line *now*... sooner than you might expect... more reasonably than you might expect.

Each 1026 control unit can handle one line. Up to four 1026 control units may be attached to a data processing system. Because of its large 210-character buffer capacity, the 1026 requires only a minimal amount of valuable processor time for line servicing. Incoming data—numeric, alphabetic or special character—is assembled in the buffer, then rapidly transferred to the central processor. Thus, the duration of the

message interrupts is reduced to a minimum; more time is available for main job processing. *In effect*, the system is able to do both batch and message processing at the same time. An automatic answering capability increases 1026 versatility even more.

For users who wish to progress logically toward a large integrated Tele-processing System, the 1026 serves as an excellent initial investment that will meet requirements effectively and economically until it is time to step up to more powerful transmission control units.

A wide variety of terminals employing all types of communications facilities may be attached to the 1026 Transmission Control Unit:

1030 Data Collection System

1050 Data Communications System

1060 Data Communications System

1070 Control Terminal

357 Data Collection System

(with 1408 Transmission Unit)



1026 Transmission Control Unit

...General Applications

The IBM 1026 Transmission Control Unit brings the classic applications of Tele-processing Systems within the reach of smaller companies... at a cost they can readily afford. The small manufacturer, for example, with one to four lines of 1030 or 1050 terminals, can have the same advantage of quick, on-line reporting now enjoyed by large companies who use more powerful transmission control units, such as the 1448 or 7740. For the larger company, the 1026 provides an on-line start at minimal cost. The 1026 Transmission Control Unit can bring the advantages of low-cost, on-line message processing to specific applications like these:

Manufacturing

- Customer order entry
- Status of inventory inquiry
- Shop floor data collection
- Centralized warehouse inventory control
- Quality control

Process Industries

- Centralized order entry and inventory management
- Management information systems
- Petroleum oil field automation

Process Control

- Process monitoring
- Data gathering
- Remote control

Banking

- Mortgage and installment loan accounting
- Savings accounting
- Demand deposit
- Trust accounting
- Credit inquiry

Insurance

- Remote inquiry from branch to district office
- Remote data transmission to or from branch to district offices

Transportation

- Tracing list inquiry
- Truck dispatching
- Transmission of accounting information from freight terminals to central office

You can go on-line *now*. Let your IBM sales representative give you all the details.

Programming Support

The IBM Input/Output Control System routines are tailored by the computer to satisfy the particular requirements of each job you run. These routines provide for:

1. Communication with terminals over one to four lines.
2. Communication with 1447 Console printer and keyboard.
3. Polling, addressing and receiving on all lines at user's discretion.
4. Error detection.
5. End-of-message detection.
6. Operation with direct data channel and disk.
7. Operation with user programs for message processing.
8. Time-sharing operation of batch jobs with real-time processing.
9. Time-of-day recording.

For full details about the many ways the IBM 1026 can provide a low-cost introduction to on-line Tele-processing, contact your local IBM sales representative.

